

From glowbugs@theporch.com Thu Jan 2 07:57:29 1997  
Return-Path: <glowbugs@theporch.com>  
Received: from uro (localhost.theporch.com [127.0.0.1])  
by uro.theporch.com (8.8.4/AUX-3.1.1)  
with SMTP id HAA12629;  
Thu, 2 Jan 1997 07:53:10 -0600 (CST)  
Date: Thu, 2 Jan 1997 07:53:10 -0600 (CST)  
Message-Id: <199701021353.HAA12629@uro.theporch.com>  
Errors-To: ws4s@infoave.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 401  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 401

Topics covered in this issue include:

- 1) Are 6DQ6B's hard to get?  
by Dave <gekko95@ix.netcom.com>
- 2) Re: 6L6 Project  
by Bob Roach <KE4QOK@worldnet.att.net>
- 3) Re: Are 6DQ6B's hard to get?  
by mjsilva@ix.netcom.com (michael silva)
- 4) Re: Microwave X-former  
by Murray Kelly <mkelly@faraday.dialix.com.au>
- 5) Hello to all  
by Mike Toneri <toneri@ils.net>
- 6) Re: Starting up the club  
by "Joseph L. Hartmann, Jr." <joe@h@sugar-river.net>
- 7) Schematic needed  
by n2jj@ix.netcom.com (James Janack )
- 8) Re: Hello to all  
by Bob Roach <KE4QOK@worldnet.att.net>
- 9) Re: Schematic needed  
by Doug <doug@sunrise.alpinet.net>
- 10) Re: Hello to all  
by "Brian Carling" <bry@mail1.mnsinc.com>

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Date: Wed, 1 Jan 1997 13:27:05 -0800

From: Dave <gekko95@ix.netcom.com>  
To: glowbugs@theporch.com  
Subject: Are 6DQ6B's hard to get?  
Message-ID: <199701012127.NAA24895@dfw-ix1.ix.netcom.com>

Hi everyone, and Happy New Year!

I have started my 5 band 50 watter, and I'm still collecting parts. You'll recall this is the one going in the old SB-102 box with a National vernier for the VFO, and will cover 160 - 15 CW.

My question: I just saw a posting for sweep tubes, and didn't see the 6DQ6B listed, and the ones that were listed seemed very expensive. Is this an oddball or rare tube? Can I substitute an easier to get one? Does anyone have a couple to sell/trade for reasonable prices? Or is there no such thing as a 'reasonable price' for a 6DQ6B?

Thanks to any who reply.

Dave WB7AWK  
"Give me ambiquity or give me something else"

-----  
Date: Wed, 1 Jan 1997 21:58:49 +0000  
From: Bob Roach <KE4QOK@worldnet.att.net>  
To: sigcom@juno.com (Stephen M Smith)  
Cc: glowbugs@theporch.com  
Subject: Re: 6L6 Project  
Message-ID: <19970101215846.AAA19669@LOCALNAME>

At 08:18 PM 1/1/97 +0000, you wrote:

>Bob,

>

>What's N6EV's URL?

>

HI Steve,

Here's what I've got. <http://www.barepower.net/~carreiro/>

Enjoy.

(o o)

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73 es TNX

KE4QOK Real radios glow in the dark.

Bob Power is no substitute for skill.

If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348

-----  
Date: Wed, 1 Jan 1997 14:23:12 -0800

From: mjsilva@ix.netcom.com (michael silva)

To: glowbugs@theporch.com

Subject: Re: Are 6DQ6B's hard to get?

Message-ID: <199701012223.0AA22462@dfw-ix12.ix.netcom.com>

>My question: I just saw a posting for sweep tubes, and didn't see the  
6DQ6B

>listed, and the ones that were listed seemed very expensive. Is this  
an

>oddball or rare tube?

Nope, it's common and cheap -- that's why the high-priced-tube sellers  
don't deal with it. AES has them listed at \$6.60, ETE shows them at  
\$5.50 and Radio Electric Supply at \$6.00, so I guess there's your  
"reasonable price".

Are you using the ARRL Handbook circuit with the 12BY7?

73,

Mike, KK6GM

-----  
Date: Thu, 02 Jan 1997 09:54:48 +1100

From: Murray Kelly <mkelly@faraday.dialix.com.au>

To: sludere@gte.net

Subject: Re: Microwave X-former

Message-ID: <32CAEB38.50BD@faraday.dialix.com.au>

Hi guys.

Some years ago Electronics Australia ran an article on DIY microwave  
maintenance. All the stuff abt. not to kill yourself etc., but the most  
interesting bit was the theory and how they worked.

Inter alia, they stated that the transformers were designed for a constant voltage. This was achieved by non-interlacing the laminations - ie they were built with a gap. For cheapness they run a welder along the edge to hold them together.

So - if you want a choke they would be good for that and if you want a transformer that really works one somehow has to pull the laminations and stack them properly. My suggestion would be to loosen up the weld with some deft application with the trusty angle grinder.

Having said all that, I have to admit that if the darn things work so well at full power in an oven surely they would also perform real well in intermittent amateur applications just 'as is'?

R. Eric Sluder wrote:

>

> I've been wondering that myself. I just recently salvage one out of an  
> old Amana that lost's its magnatron. Thought that transformer was good  
> something besides a door stop -- I'd be interested in knowing if any has  
> used one or not...

>

> 73,

>

> Eric

>

> Brian Carling wrote:

> >

> > Bob - it looks to me like a microwave oven xfmr would make a GREAT

> > power transformer for a medium power amateur power amplifier!

> > Looks like it would work nicely with a 4-250 or two - or something like that!

> >

> > On 31 Dec 96 at 21:16, Bob Roach chatted merrily:

> >

> > > Hello guys,

> > >

> > > Has anyone ever used a microwave oven transformer for a high voltage

> > > power supply. I have one that puts out about 1800 VAC and sense it

> > > was able to pump about 700W into somebody lunch it should have

> > > sufficient current capacity to be useful. Anybody tried this or

> > > know of a reason it won't work.

> > >

> > >

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> > > \_\_\_\_\_o00\_( )\_00o\_\_\_\_\_

> > > 73 es TNX

> > > KE4QOK

Real radios glow in the dark.

> > > Bob Power is no substitute for skill.

> > > If it stayed up last winter, it was too small.

> > > 136 Hermitage Rd.

> > > Newport News, Va. 23606 KE4QOK@worldnet.att.net  
> > > (757)930-0348

> > >

> > >

> > \*\*\*\*\*

> > \* Brian Carling in Gaithersburg, Maryland, USA \*

> > \* E-mail: bry@mnsinc.com \*

> > \* http://www.mnsinc.com/bry/ \*

> > \*\*\*\*\*

> > Thought for the day:

> > Capitalist: One who has given up all hope of  
> > paying their bills on time.

> > or having adequate healthcare.

>

> --

> #####

> R. Eric Sluder, KB9BGS

> Carmel, IN

> E-mail: sludere@gte.net

> #####

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\*\*\*\*\*

\* Murray Kelly vk4aok mkelly@faraday.dialix.com.au \*

\* 29 Molonga Ter. / Graceville/ QLD. 4075/ Australia \*

\* ph/fax Intl+ 61 7 3379 3307 mobile 018 071 355 \*

\*\*\*\*\*

Date: Wed, 1 Jan 1997 21:12:25 -0500 (GMT-0500)

From: Mike Toneri <toneri@ils.net>

To: glowbugs@theporch.com

Subject: Hello to all

Message-ID: <199701020212.VAA05657@server1.ils.net>

Greetings from Canada. The topic of glowbugs is very interesting, For quite some time I have wanted to build a small tube transmitter and may yet get one built before the summer. I picked up a new 117N7 tube and have some plans from an old book called Radio For The Millions for just such a transmitter and a matching regen receiver. Hopefully I will get off by butt and build them and have some more fun on the air.

73...Mike VE3FGU

\*\*\*\*\*

Mike & Lynda Toneri E-mail: toneri@ils.net

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Date: Wed, 1 Jan 1997 22:34:34 -0500 (EST)  
From: "Joseph L. Hartmann, Jr." <joe@sugar-river.net>  
To: "J. Douglas Hensley" <w5jv@juno.com>  
Subject: Re: Starting up the club  
Message-ID: <Pine.BSD/.3.91.970101222804.4360A-100000@arakis.sugar-river.net>

On Tue, 31 Dec 1996, J. Douglas Hensley wrote:

> Good luck with your efforts Joe,  
>  
> Having been involved with efforts down here over the years and having  
> worked in several professional communications settings, I can't resist a  
> comment. As I look back on the output and results of the different  
> efforts to reach and then start off young folks in radio, those that  
> taught construction skills (either component or facility) produced the  
> long lasting hams.  
  
> Back then, this was not so easy to do because with  
> tube equipment, the high voltages required posed such safety problems  
> that both the students and instructor worked at risk and the program host  
> 's liability was a big concern.  
>  
> Today, you can work circuits using common AA, C, D cells and do quite  
> well. Avoid using 9 volt cells because the kids will put them in their  
> pocket and coins or pocket knives will short them out potentially causing  
> serious burns. Hi-Power NiCad cells will also explode. This is very  
> difficult to do with in line batteries. If you avoid carbon cells and  
> hardware store brands and stick to quality alkalines such as the Rabbit,  
> your unlikely to damage equipment. As you know, several brands also  
> repair or replace equipment used using their brand. I use these and have  
> had everything from light meters to a Simpson 260 serviced when a problem  
> developed.  
>  
> In sum, if you teach a young man how to build a small radio station that  
> he can take home and set up and use, you will have captured a heart  
> forever. If you remember the little sheet metal station that was on the  
> cover of "How To Become A Radio Amateur" ? This was, IMHO, the most  
> influential ham station of all time. Good luck and God Speed.  
>  
> Doug, W5JV  
>

-----

Date: Wed, 1 Jan 1997 20:09:11 -0800  
From: n2jj@ix.netcom.com (James Janack )  
To: boatanchors@theporch.com  
Cc: glowbugs@theporch.com  
Subject: Schematic needed  
Message-ID: <199701020409.UAA10400@dfw-ix9.ix.netcom.com>

I was talking with my dad (WA2DWU) a few days ago. I told him how I could remember that Christmas of 1956 when I was 9 years old and received a box of parts that my dad had gathered. Also how "we" had assembled all those parts and by New Years Day 1957 had built a one tube regen receiver. He had been interested in hamming since the 30's. We took our novice exams in Dec '58 (I was 11). I got WV2DRP.

Anyway he said the schematic was in "How to become a Radio Amateur." If my memory serves me, that issue also had a 6V6 XMTR that was constructed on two wooden slats and used a hand wound coil on some sticks.

My dad's birthday is coming up in Feb and I thought it would be fun to give him the "kit". I would like get a copy of the schematic or article. Anyone out there have an issue of that publication to sell, or could copy or scan?? I would gladly pay for this.

Thanks and best wishes to all in '97.

73, Jim N2JJ

n2jj@ix.netcom.com

-----  
Date: Thu, 2 Jan 1997 05:05:10 +0000  
From: Bob Roach <KE4QOK@worldnet.att.net>  
To: toneri@ils.net  
Cc: glowbugs@theporch.com  
Subject: Re: Hello to all  
Message-ID: <19970102050502.AAB11563@LOCALNAME>

At 02:18 AM 1/2/97 +0000, you wrote:

>Greetings from Canada. The topic of glowbugs is very interesting, For quite  
>some time I have wanted to build a small tube transmitter and may yet get  
>one built before the summer. I picked up a new 117N7 tube and have some  
>plans from an old book called Radio For The Millions for just such a  
>transmitter and a matching regen receiver. Hopefully I will get off by butt

>and build them and have some more fun on the air.

>

Hi,

Take a look at the website <http://www.accessone.com/~philn/new.htm>  
from this site there is a link to a site with a name like radio wrinkles or  
something like that. I think I saw a plan there using this tube. It  
wasn't a ham project but may be of interest anyway.

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(757)930-0348

-----  
Date: Wed, 01 Jan 1997 22:11:00 -0700

From: Doug <doug@sunrise.alpinet.net>

To: glowbugs@theporch.com

Subject: Re: Schematic needed

Message-ID: <32CB4364.2735@alpinet.net>

Hi James...that same project was in the 1950 Handbood, which I have.  
Not to mention the fact that same rig was my first effort at getting  
on the air....back in 1960. So, let me know what your address is and  
I'll try to get a resonable copy for you...good enough to build it  
anyhow. One note of caution....that rig was a real harmonic producer  
and is link coupled to the antenna...hi impedance feed. So, unless  
you want to do a redesign, I'd be carefull how you use it and watch  
for them sneaky little 'monics. It's a fun project, uses #18 bell  
wire for the coils.

Let me know...

73

Doug Dunn, K7YD

Livingston, MT

James Janack wrote:

>



> I was talking with my dad (WA2DWU) a few days ago. I told him how I  
> could remember that Christmas of 1956 when I was 9 years old and  
> received a box of parts that my dad had gathered. Also how "we" had  
> assembled all those parts and by New Years Day 1957 had built a one  
> tube regen receiver. He had been interested in hamming since the 30's.  
> We took our novice exams in Dec '58 (I was 11). I got WV2DRP.  
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> Anyway he said the schematic was in "How to become a Radio Amateur."  
> If my memory serves me, that issue also had a 6V6 XMTR that was  
> constructed on two wooden slats and used a hand wound coil on some  
> sticks.  
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> My dad's birthday is coming up in Feb and I thought it would be fun to  
> give him the "kit". I would like get a copy of the schematic or  
> article. Anyone out there have an issue of that publication to sell,  
> or could copy or scan?? I would gladly pay for this.  
>  
> Thanks and best wishes to all in '97.  
>  
> 73, Jim N2JJ  
>  
> n2jj@ix.netcom.com

-----  
Date: Thu, 2 Jan 1997 03:27:21 +0000  
From: "Brian Carling" <bry@mail1.mnsinc.com>  
To: Mike Toneri <toneri@ils.net>  
Subject: Re: Hello to all  
Message-ID: <199701021126.GAA07568@news2.mnsinc.com>

Hello Mike - good to see you on here.

That is one rig I have never tried, and have never worked anyone on  
the air using one.

In fact I don't think I have ever worked anyone who was using the old  
line-powered, transformerless xmtrs!

It should be fun.

I worked a couple of warbly signals during SKN yesterday though. Wow!  
VE3RNN and AA1HB were both wobblating all over the place but I  
managed to work them both.

Sometimes I wonder what happens to these older tube rigs when they do  
that. It sounds like they have a loose or dirty contact in a  
bandswitch or a variable capacitor contact or something like that!

Maybe capacitors breaking down, who knows!

SKN was a blast by the way. I got on casually with the straight key using my main station xmtr FT840 at 100 watts (too hard in the evenings with QRP from the GB rig!) - and worked a few -

AA1HB who was using a BC-459 xmtr !!  
N5HHA in Oklahoma  
W1DEO in Maine  
N4WCO in NC  
and  
VE3RNN

SKN is a blast!

On 1 Jan 97 at 20:18, Mike Toneri chatted merrily:

> Date: Wed, 1 Jan 1997 20:18:07 -0600 (CST)  
> Reply-to: toneri@ils.net  
> From: Mike Toneri <toneri@ils.net>  
> To: Multiple recipients of list <glowbugs@theporch.com>  
> Subject: Hello to all

> Greetings from Canada. The topic of glowbugs is very interesting, For quite  
> some time I have wanted to build a small tube transmitter and may yet get  
> one built before the summer. I picked up a new 117N7 tube and have some  
> plans from an old book called Radio For The Millions for just such a  
> transmitter and a matching regen receiver. Hopefully I will get off by butt  
> and build them and have some more fun on the air.

> 73...Mike VE3FGU

>

> \*\*\*\*\*

> Mike & Lynda Toneri E-mail: toneri@ils.net

> \*\*\*\*\*

>

>

>

\*\*\*\*\*

\*\*\* 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA \*

\*\* E-mail to: bry@mnsinc.com \*

\*\*\* See the great ham radio resources at: \*

\*\* <http://www.mnsinc.com/bry/> \*

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End of GLOWBUGS Digest 401  
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